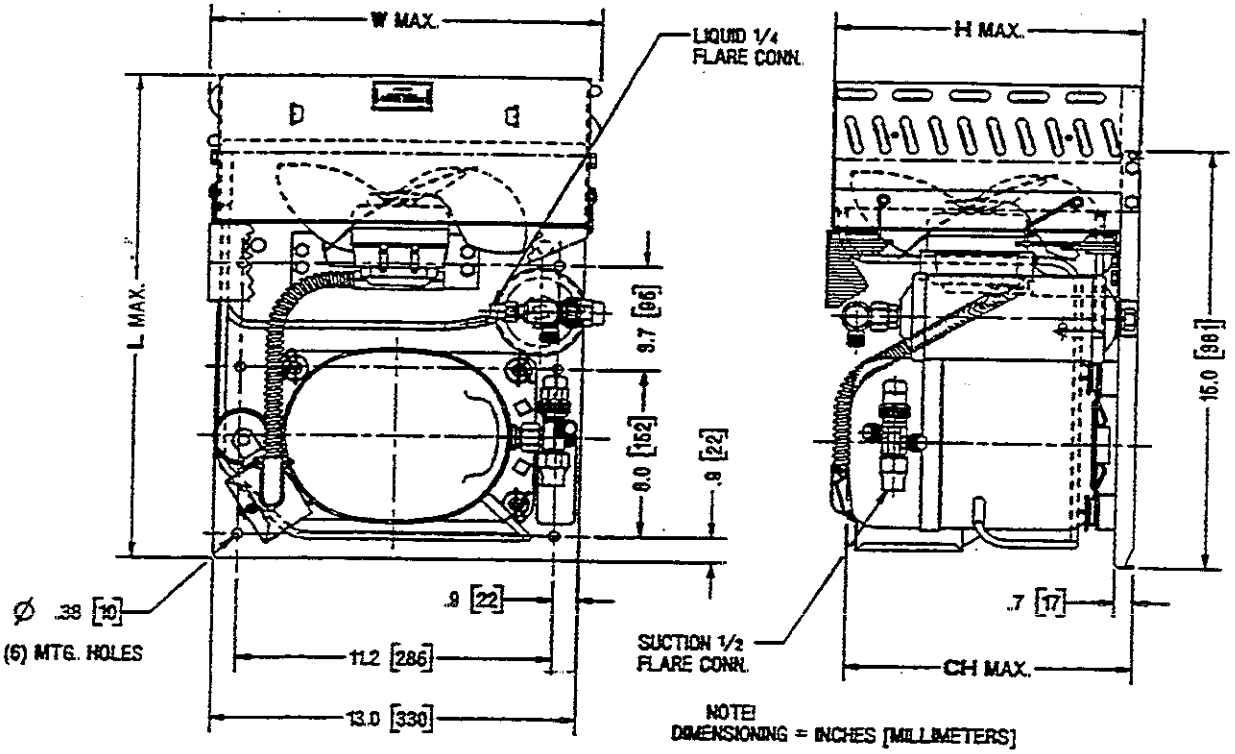
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-7-95

MODEL AKA4460YXC (Formerly AK4460YC) R-134a 1/2 HP AIR COOLED**



Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AKA4460Y**XC	17.4	14.0	10.9	10.1	1/2 F	1/4 S	—	350	17	64

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	18.4	3570	655	155	3180	655	170	2790	670	190
25	22.1	4000	700	160	3590	710	180	3180	715	200
30	26.0	4450	750	170	4000	760	190	3580	770	210
35	30.3	4900	800	180	4430	815	200	3990	830	220
40	35.0	5390	855	190	4880	875	210	4400	895	230
45	40.0	5880	915	200	5330	935	220	4850	960	240
50	45.3	6370	975	210	5800	1010	230	5290	1035	255
55	51.1	6880	1045	220	6290	1085	240	5750	1125	270

65 ° F return gas temp., 5 ° F subcooling

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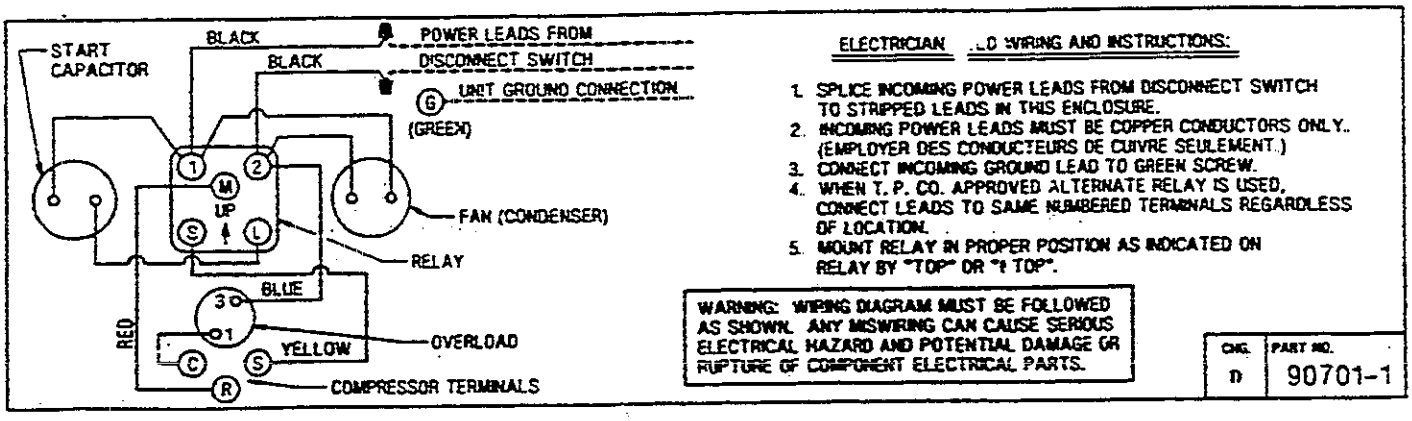
SPECIFICATIONS	AKA4460YXDXC	AKA4460YXCXC
Nominal Voltage	230/208-60-1	240/220-50-1
Unit B/M	2D226-1	2D251-1
Voltage Range	253 to 187	264 to 198
Min. Circuit Ampacity	6.3	5.2
Max. Fuse Size (Amps)	15	15
Compressor Model	AKA4460YXD	AKA4460YXC
Bill of Material	AK168ET-038-P2	AK168JT-038-P2
RLA/LRA	4.8/23.0	3.9/21.0
Overload	8300MRPG19	8300MRAG28
AE Elect. Assy.	AE1227-011A	AE1227-013A
Relay	82484-1	82494-1
Alternate Relay	-----	------
Cap. Start	85PS330C50	85PS330C50
Rating	72-88/330	72-88/330
Fan Motor	810M009B47	810M009B47
Alternate	810G009B25	810G009B25
Fan Blade	51551	
Fan Guard	70959	
Condenser	50840	
Condenser Shroud	70766-1	
Receiver Tank	51080-1	
Receiver Tank Valve	31584	
Unit Drawing	SU1909-28	
Schematic or Elect. Dwg.	90701-1	


START CAPACITOR
BLACK
BLACK
POWER LEADS FROM DISCONNECT SWITCH
UNIT GROUND CONNECTION
(GREEN)
FAN (CONDENSER)
RELAY
BLUE
RED
YELLOW
OVERLOAD
COMPRESSOR TERMINALS
ELECTRICIAN - FIELD WIRING AND INSTRUCTIONS:
1. SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.
5. MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "↑ TOP".
WARNING: WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENT ELECTRICAL PARTS.
CHG. D
PART NO. 90701-1

U.L. Listed -----(60 HZ only)----File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C